Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (Currently Amended):   An ophthalmologic apparatus comprising:

observation illumination means for illuminating an eye fundus of an eye to be examined with infrared light in moving image observation operation;

image taking illumination means for illuminating the eye fundus in static image taking operation;

image pickup means for converting an image of the eye fundus of the eye to be examined into an image signal;

conversion means for converting the image signal into a digital data;

a plurality of lookup tables;

setting means for setting a first lookup table of the plurality of the lookup tables in the moving image observation operation, and setting a second lookup table of the plurality of the lookup tables in the static image taking operation; and

gradation conversion means for gradationally converting the digital data by using the lookup table set by the setting means,

wherein the first lookup table is used so as to enhance a region of a blood vessel on a retina image formed on the basis of a histogram calculated from the digital data.

2 (Currently Amended):   An ophthalmologic apparatus according to claim 1, further comprising a monitor for displaying a digital data after gradationally converted.

3 (Currently Amended):   An ophthalmologic apparatus comprising:

observation illumination means for illuminating an eye fundus of an eye to be examined

with infrared light in <u>moving image</u> observation operation;

image taking illumination means for illuminating the eye fundus in <u>static</u> image taking

operation;

image pickup means for converting an image of the eye fundus of the eye to be examined

into an image signal;

conversion means for converting the image signal into a digital <u>data</u>;

<u>a plurality of lookup tables</u>;

<u>setting means for setting a first lookup table of the plurality of the lookup tables in the</u>

<u>moving image observation operation, and setting a second lookup table of the plurality of the</u>

<u>lookup tables in the static image taking operation</u>; and

<u>gradation conversion means for gradationally converting the digital data by using the</u>

<u>lookup table set by the setting means</u>,

wherein <u>the first lookup table is formulated on the basis of a gain of the image pickup</u>

<u>means and amount of light from the observation illumination means</u>.